

SEP 3 27

DESIGN INFORMATION BULLETIN

NO. 22.002

ENG'R.
PRE-DESIGN

CONVAIR REPORT NO. ZM-22-005

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MODEL 22 AIRPLANE

DATE: 23 August 1957

CONTROL CABLE ACCESSIBILITY

At 500 hour intervals all control cables must be visually and manually inspected at wear points and in corrosion areas. This is a C.A.A. requirement. To satisfy this requirement, suitable paths of access, as defined herein, shall be provided to the control cables in the areas detailed below.

- 1.0 Nose Wheel Well (sta 152 to sta 250)
Accessibility provided through the nose wheel well.
- 2.0 Sub-cockpit Compt (sta 187.5 to sta 250)
Accessibility provided through access doors located on each side of the plane immediately aft of the nose wheel well, as well as through door in top forward portion of nose wheel well.
- 3.0 Electronic Gear Compt (sta 250 to sta 325.8)
Accessibility provided thru the access door located on the underside of the plane at sta 289.
- 4.0 Electrical Gear Compt (sta 325.8 to sta 375)
Removable ceiling panels provide access to all cables at B.L. 17, L.H. & R.H., and inboard.
Accessibility to cables outboard of B.L. 17 provided by removable floor panels between the buffets on the R.H. side of the plane and between the coat compt and the toilet on the L.H. side of the plane. As the three outboard cables on each side will be given a corrosion resistant nylon coating between stations 325.8 and 394, these panels will be for installation and replacement access only.
- 5.0 Forward Cargo Compt (sta 375 to sta 603)
Zippered flaps provide access to all cables at B.L. 17 and inboard. Electrical cable troughs shall be so arranged that access to control cables at B.L. 37, 40, & 50 (L.H. and R.H.) is provided. The stressed skin between frames 375 and 394 shall be provided with access holes through which the control cables at B.L. 17 and inboard may be inspected.
- 6.0 Water Tank Compt (sta 603 to sta 640.33)
Access provided thru door in the aft bulkhead of the forward cargo compt.

CONVAIR
A Division of General Dynamics Corporation
(San Diego)

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- 7.0 Wing and Main Wheel Well (sta 640.33 to sta 926)
Access provided in passenger compt. Aisle panels and sub seat panels are removable.
- 8.0 Hydraulic Compt. (sta 926 to sta 1002)
Access provided thru door on L.H. side of plane between stations 964 and 983. Ceiling panel between stations 964 and 998 shall be removable.
- 9.0 Aft Cargo Compt (sta 1002 to sta 1230)
Zippered flaps provide access to all cables at B.L. 17 and inboard.
Electrical cable troughs shall be so arranged that access to control cables at B.L. 37 is provided.
- 10.0 Tail Area (sta 1230 to sta 1322.5)
Access provided thru door in the aft bulkhead of the aft cargo compt.

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